

Exhibit C

>NM_011858 ACCESSION:NM_011858 NID: gi 7549780 ref NM_011858.1 Mus
musculus odd Oz/ten-m homolog 4 (Drosophila) (Odz4), mRNA
Length = 9722

Score = 5272 bits (13524), Expect = 0.0
Identities = 2498/2591 (96%), Positives = 2542/2591 (97%), Gaps = 2/2591 (0%)
Frame = +1

Query: 165 DHPGGLQNHARLRTPPPPLSHAHTPNQHHAASINSLNRGNFTPRSNPSPAPTDHSLSGEP 224
DHP LQNH RLRTPPPPL HAHTPNQHHAASINSLNRGNFTPRSNPSPAPTDHSLSGEP
Sbjct: 1285 DHPSSLQNHPRRLRTPPPPLPHAHTPNQHHAASINSLNRGNFTPRSNPSPAPTDHSLSGEP 1464

Query: 225 PAGGAQEPAHAQENWLLNSNIPLERNLGKQPFLGTLQDNLIEMDILGASRHDGAYSDGH 284
PAG AQEP HAQ+NW+LNS IP+ETRNLGKQPFLGT QDNLIEMDI ASR DGAYSDGH
Sbjct: 1465 PAGSAQEPHTAQDNWVLNSKIPVETRNLGKQPFLGTWQDNLIEMDIFSASRRDGAYSDGH 1644

Query: 285 FLFKPGGTSPLFCTTSPGYPLTSSTVYSPPPRPLRSTFARPAFNLKKPSKYCNWKCAAL 344
F FKPGGTSPLFCTTSPGYPLTSSTVYSPPPRPLRSTF+RPAFNLKKPSKYCNWKCAAL
Sbjct: 1645 FFFKPGGTSPLFCTTSPGYPLTSSTVYSPPPRPLRSTFSRPAFNLKKPSKYCNWKCAAL 1824

Query: 345 SAIVISATLVILLAYFVAMHLFGLNWHLQPMEGQM--YEITEDTASSWPVPTDVSILYPSG 402
SAI+ISATLVILLAYFVAMHLFGLNWHLQPMEGQM YEITEDTASSWPVPTDVSILYPSG
Sbjct: 1825 SAILISATLVILLAYFVAMHLFGLNWHLQPMEGQMOMYEITEDTASSWPVPTDVSILYPSG 2004

Query: 403 GTGLETDPDRKGKGTTGKPPSSFFPEDSFIDSGEIDVGRRASQKIPPGTFWRSQVFIDHPV 462
GTGLETDPDRKGKG EGKPPSS FPEDSFIDSGEIDVGRRASQKIPPGTFWRSQVFIDHPV
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Query: 463 HLKFNVSILGKAALVGIYGRKGLPPSHTQDFVELLDGRRLLTQEARSLGTPRQSRGTVP 522
HLKFNVSILGKAALVGIYGRKGLPPSHTQ DFVELLDGRRLLTQEARSLG RQSRG VP
Sbjct: 2185 HLKFNVSILGKAALVGIYGRKGLPPSHTQLDFVELLDGRRLLTQEARSLGEPQRQSRGPVP 2364

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Sbjct: 2365 PSSHETGFIQYLDSGIWHLAFYNDGKESEVVVSFLTATAIESVDNCPNSCYNGDCISGTCH 2544

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Sbjct: 2545 CFLGLFLGPDCGRASCPVLCSGNGQYMKGRCLCHSGWKGAECDVPTNQCIDVACSSHGTCI 2724

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HGTFPLPDTGLC+CDPSWTGHDCSIEICAADCGGHGVCVGGTCRCEDGWMGAACDQRACHP
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RCAEHGTCRDGKCEC+PGWNGEHCTIEGCPGLCNGNGRCTLDLNGWHCVCQLGWRG GCD
Sbjct: 3085 RCAEHGTCRDGKCECTPGWNGEHCTIEGCPGLCNGNGRCTLDLNGWHCVCQLGWRGTGCD 3264

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TSMET CGD KDNNDGDLVDCMDPDCLQPLCH+NPLCLGSP+PLDIIQETQ VPSQQNL
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RIVAGRPMHCQVPGID FLLSKVAIHATLESATALAVSHNGVLYIAETDEKKINRIRQVT
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TSGEISLVAGAPSGCDCKNDANCDGSGDDGYAKDAKLNTPSSLAVCADGELYVADLGNI
Sbjct: 5245 TSGEISLVAGAPSGCDCKNDANCDGSGDDGYAKDAKLNTPSSLAVCADGELYVADLGNI 5424

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RIRFIRKNKPFLNTQNMIELSSPIDQELYLFDT+GKHLTYQSLPTGDYLYNFTYTGDGDI
Sbjct: 5425 RIRFIRKNKPFLNTQNMIELSSPIDQELYLFDTSGKHLTYQSLPTGDYLYNFTYTGDGDI 5604

Query: 1603 TLITDNNGNMVNVRDSTGMPLWLVPDQVYVWTMGTNSALKSVTTQGHELAMMTYHGN 1662
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Query: 1783 NVTLPIDNGLNLVEWRQRKEQARGQVTVFGRRLRVHNRNLLSLDFDRVTRTEKIYDDHRK 1842
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Query: 1843 FTLRILYDQAGRPSLWSPSSRLNGVNVITYSPGGYIAGIQRGIMSERMEYDQAGRITSRIF 1902
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Query: 1903 ADGKTWSYTYLEKSMVLLHLSQRQYIFEFDKNDRLSSVTMPNVARQTLETIRSVGYRNI 1962
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Query: 1963 YQPPEGNASVIQDFTEDGHLHLYFYLTGRRVIYKYGKLSKLAETLYDTTKVSFTYDETA 2022
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Features

☐ 1: [NM_011858](#). Mus musculus odd ...[gi:7549780]

Links

LOCUS NM_011858 9722 bp mRNA linear ROD 06-OCT-2003
 DEFINITION Mus musculus odd Oz/ten-m homolog 4 (Drosophila) (Odz4), mRNA.
 ACCESSION NM_011858
 VERSION NM_011858.1 GI:7549780
 KEYWORDS .
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 REFERENCE 1 (bases 1 to 9722)
 AUTHORS Ben-Zur,T., Feige,E., Motro,B. and Wides,R.
 TITLE The mammalian Odz gene family: homologs of a Drosophila pair-rule
 gene with expression implying distinct yet overlapping
 developmental roles
 JOURNAL Dev. Biol. 217 (1), 107-120 (2000)
 MEDLINE 20092737
 PUBMED 10625539
 REFERENCE 2 (bases 1 to 9722)
 AUTHORS Wang,X.Z., Kuroda,M., Sok,J., Batchvarova,N., Kimmel,R., Chung,P.,
 Zinszner,H. and Ron,D.
 TITLE Identification of novel stress-induced genes downstream of chop
 JOURNAL EMBO J. 17 (13), 3619-3630 (1998)
 MEDLINE 98315054
 PUBMED 9649432
 COMMENT PROVISIONAL REFSEQ: This record has not yet been subject to final
 NCBI review. The reference sequence was derived from [AF059485.1](#).
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misc_feature

1813..1881

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/note="putative; transmembrane-region site"

misc_feature

5668..7644

/gene="Odz4"

/note="RhsA; Region: Rhs family protein [Cell envelope
biogenesis, outer membrane]"

/db_xref="CDD:COG3209"

BASE COUNT	2350 a	2747 c	2517 g	2079 t	29 others	
ORIGIN						
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9721 cc

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